

ABSTRACT OF THE DISCLOSURE

The object of the present invention is to realize an optimum resin product design even in the event of conducting injection molding of an arbitrary shape 5 resin product, taking into account of the mold clamping force required for molding and the capacity of an available injection molding device. When a resin product to be molded by injection molding is designed, the mold clamping force required for injection molding 10 of the resin product having a specified shape is determined using a computer-aided optimization method and then the design of the resin product is determined based on the thus obtained mold clamping force.